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(71)Applicant : FUJI XEROX CO LTD
(72)Inventor : TERADA YOSHIHIRO

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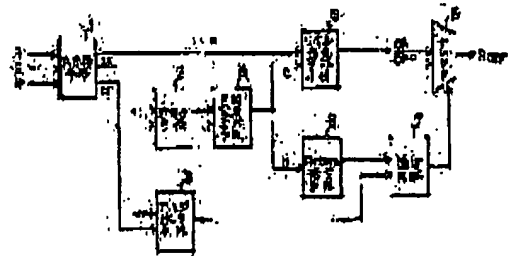
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(54) IMAGE PROCESSOR

(57)Abstract:

PURPOSE: To perform excellent image conversion for a natural image and a complicated color image.

CONSTITUTION: The image processor which substitutes color information for a pattern when converting a digital color image into an image of a specific color is equipped with a color space converting means 1 which generates a lightness, a hue, and a saturation signal from color image data, pattern generating means 6 and 7 which generates a specific pattern and a color signal corresponding to the hue signal, a level signal generating means 5 which generates two lightness levels from the lightness signal and saturation signal, and an output means 8 which selects and switches the two lightness levels with the determined pattern and outputs them together with the color signal. Consequently, when color information of the input color image is replaced with space (pattern) information and the specific color, image conversion wherein the intensity of the pattern is continuously varied with its saturation information is enabled and the image conversion is excellently performed even for the natural image and complicated color image.



LEGAL STATUS

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Power to AV Dialog

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PATENT FAMILY:

Japan (JP)

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IMAGE PROCESSOR (English)

Patent Assignee: FUJI XEROX CO LTD

Author (Inventor): TERADA YOSHIHIRO

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